

PUBLIC NOTICE

PERMIT APPLICATION: NRS 07.156

APPLICANT: Bruce Baird
P.O. Box 817
Sewanee, Tenn. 37375
931-598-0024

LOCATION: Bethel Creek, Afton Lane, outside Sewanee, Franklin County 35.2026 °N,
-85.8876 °W

WATERSHED DESCRIPTION: Bethel Creek is located in the Tennessee - Guntersville Reservoir watershed (HUC 06030001). Bethel Creek is not currently assessed for its support of its designated uses of fish and aquatic life, irrigation, livestock watering and wildlife, and recreation. Bethel Creek from Laurel Brae Road to the headwaters was determined to be Tier I waters. Bethel Creek in the project area is 2 – 3 feet wide and 1 – 2 feet deep. The substrate is mud/clay and scattered gravel, cobble and boulders. The stream has intermittent flow and has a forested riparian zone. Upstream of the project site is an existing small pond, and below the project area there are three additional impoundments of various sizes. This surrounding watershed is rural with increasing residential development and is part of the Cumberland Plateau.

Color photos of the existing stream can be viewed on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/ppo/arap>.

PROJECT DESCRIPTION: The applicant proposes to impound 400 linear feet of Bethel Creek for the purpose of creating a pond. The stated purpose of the pond is for recreation and wildlife attraction.

Pond would be built according to Natural Resources Conservation Service standards. The proposed dam would be 12 – 14 feet with 2 feet of freeboard. The pond outlet would be a surface spillway with a rip rap protected outfall.

The fill for the dam would be excavated within the dam site and impoundment zone.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will likely result in degradation to water quality.

USGS TOPOGRAPHIC QUADRANGLE: Sewanee 94 NW

PERMIT COORDINATOR: Juliana W. Kyzar

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

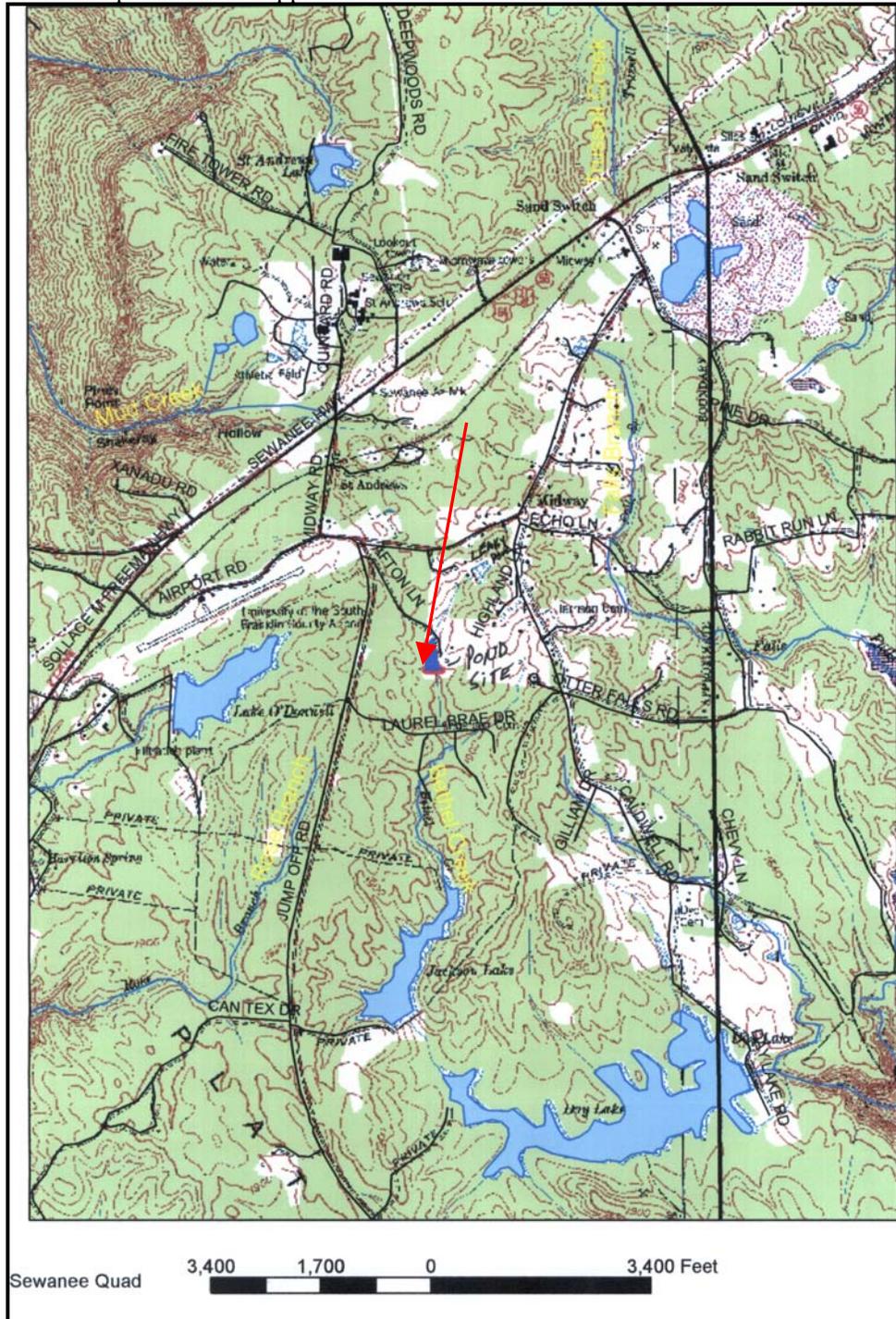


Figure 1: Topographic map with propose pond indicated



Photo 1: From proposed dam site looking upstream 5/07 (photo provided by applicant)



Photo 2: From proposed top of pond, looking downstream 5/07 (photo provided by applicant)



Photo 3: Typical substrate in proposed impoundment zone (photo by JWK)